

NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION

The National Telecommunications and Information Administration (NTIA) is the Executive Branch agency principally responsible for domestic and international telecommunications and information technology issues. NTIA works to spur innovation, encourage competition, help create jobs and provide consumers with more choices and better quality telecommunications products and services at lower prices.

For FY 2000, NTIA is requesting additional funding to: implement World Trade Organization requirements; enhance Federal radio spectrum management; upgrade the telecommunications research facility at Boulder, Colorado; and implement Presidential Decision Directive-63 on Critical Infrastructure Protection. In addition, funding increases are also requested for the two telecommunications-related grant programs, the Information Infrastructure Grants (IIG) and Public Telecommunications Facilities Program (PTFP).

The IIG program provides grants to community based non-profit and other public organizations, to demonstrate and promote the practical applications of new telecommunications and information technologies that improve the quality of, and the public's access to education, health care, public safety and other community-based services.

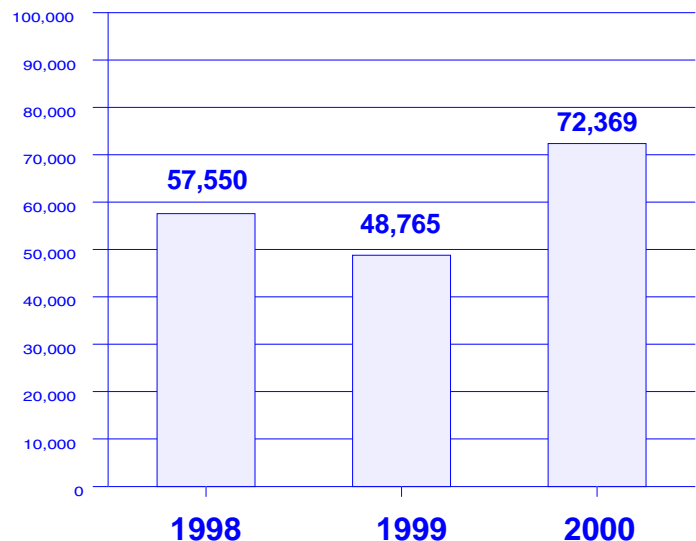
The PTFP provides matching grants to community based public telecommunications entities for the planning and



© Ridge Studio / Stock Connection / PNI

NTIA Funding

(Dollars in Thousands)



construction of facilities that provide educational and cultural service to the public. NTIA requests additional funding to assist public broadcasters with an orderly transition to digital broadcasting. The program will provide competitive grants to encourage the development of innovative, replicable applications of digital broadcasting and promote consolidation and efficiency within the public broadcasting system.

The President, following the recommendations of the Commission on Critical Infrastructure Protection (CIP), directed the establishment of an interagency program to address the Nation's need for protection of its critical infrastructures. The primary emphasis in this program is on lead agencies that have been given responsibilities for the protection of infrastructure sectors. NTIA is lead agency for the information and communications (I&C) sector and is building a program that will include both public and private sector input on I&C. In addition, NIST and NTIA are collaborating to provide CIP technical research which will be critical to strengthening the Nation's infrastructure.

NTIA's strategic planning process is designed to improve the management and effectiveness of the agency. With the resources available, NTIA will address priority issues in telecommunications and information today and maximize the return on those resources by utilizing agency expertise throughout its programs.



© Tom Tracy / Photo Network / PNI

nation's resources and assets to ensure sustainable economic opportunities.

NTIA's four strategic goals are presented below, with examples of the performance measures the Agency is developing to assess the impact of their program activities. The measures focus on NTIA's priority programs and are not intended to cover every dollar in NTIA's budget. The performance measures will continue to evolve over time, as NTIA, the Department of Commerce, and the Federal Government as a whole continue to refine and enhance their capacity to develop performance measures, to use performance measurement as a key management tool, and to implement the GPRA.

NTIA STRATEGIC GOALS:

Goal 1: Promote open markets and encourage competition.

Goal 2: Ensure spectrum provides the greatest benefit to all people.

Goal 3: Advance the public interest in telecommunications, mass media and information.

Goal 4: Promote the availability and sources of advanced telecommunications and information services.

A more detailed presentation of goals, objectives, and performance measures is found in the Department's Annual Performance Plan and NTIA's budget justification.

NTIA's strategic planning process complements and extends the strategic plan of the Department of Commerce. All of NTIA's goals support one of the following Commerce themes and objectives:

A: Build for the future and promote U.S. competitiveness in the global market place, by strengthening and safeguarding the nation's economic infrastructure;

B: Keep America competitive with cutting-edge science and technology and an unrivaled information base;

C: Provide effective management and stewardship of our

Measures and Targets Summary

<u>Goal</u>	<u>Measure</u>	<u>Target</u>
Open Markets	Full compliance of countries with FY 2000 World Trade Organization (WTO) commitments	100%
Radio Spectrum Assignments	New spectrum assignments	200,000
Public Interest Promotion	Maintain or increase current telephone subscription rates	96%
	Increase internet accessibility and use	NA
Advanced Telecommunications	TIIAP grant awards / models	55

SUMMARY OF APPROPRIATIONS

(Dollars in Thousands)

Funding Levels

			2000	Increase
Appropriation	<u>1998</u>	<u>1999</u>	<u>Estimate</u>	<u>(Decrease)</u>
Salaries and Expenses	\$16,550	\$10,940	\$17,212	\$6,272
Public Telecommunications Facilities, Planning & Construction	21,000	21,000	35,055	14,055
Endowment for Children's Educational Television	0	(1,175)	0	1,175
Information Infrastructure Grants	20,000	18,000	20,102	2,102
Total Appropriation	57,550	48,765	72,369	23,604
Transfer of Y2K Funds (P.L. 105-277)		0		0
TOTAL BUDGET AUTHORITY	57,550	48,765	72,369	23,604

PERMANENT POSITIONS

Salaries and Expenses	106	98	142	44
Reimbursable	138	148	148	0
Public Telecommunications Facilities, Planning & Construction	13	13	24	11
Endowment for Children's Educational Television	0	0	0	0
Information Infrastructure Grants	34	34	34	0
Total	291	293	348	55

HIGHLIGHTS OF BUDGET CHANGES

APPROPRIATION: Salaries and Expenses

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			98	\$10,940
Adjustments to Base				
<u>Adjustments</u>				
Non-recurring item - Plenipotentiary Conference				(500)
<u>Other Changes</u>				
1999 Pay raise		\$95		
2000 Pay raise		233		
Payment to the Working Capital Fund		31		
Full year cost in FY 2000 of positions financed in FY 1999		78		
Within-grade step increases		61		
Civil Service Retirement and Disability Fund		0		
Civil Service Retirement System(CSRS)		(29)		
Federal Employees' Retirement System(FERS)		36		
Thrift Savings Plan		7		
Federal Insurance Contributions Act (FICA) -OASDI		19		
Health insurance		14		
Employees' Compensation Fund		(3)		
Travel		30		
Rent payments to GSA		28		
Postage		1		
FTS		3		
Printing and reproduction		4		
Other services:				
Working Capital Fund		509		
General Pricing Level Adjustment		10		
Subtotal, other cost changes			0	1,127
Less Amount Absorbed			0	(558)
TOTAL, ADJUSTMENTS TO BASE			0	69
2000 Base			98	11,009
Program Changes			44	6,203
2000 APPROPRIATION			142	17,212

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount
DIRECT OBLIGATIONS								
Domestic & International Policies	37	\$4,298	37	\$3,852	40	\$4,352	3	\$500
Spectrum Management	24	3,954	24	3,466	40	7,166	16	3,700
Telecommunication Sciences Research	37	3,533	37	3,691	62	5,694	25	2,003
TOTAL DIRECT OBLIGATIONS	98	11,785	98	11,009	142	17,212	44	6,203
REIMBURSABLE OBLIGATIONS	148	19,771	148	20,544	148	21,344	0	800
TOTAL OBLIGATIONS	246	31,556	246	31,553	290	38,556	44	7,003
FINANCING								
Unobligated balance, start of year		(845)						
Offsetting collections from:								
Federal funds	(148)	(19,271)			(148)	(20,844)		
Non-Federal sources		(500)				(500)		
Subtotal, financing	(148)	(20,616)			(148)	(21,344)		
TOTAL BUDGET AUTHORITY	98	10,940			142	17,212		

Highlights of Program Changes

	Base		Increase / Decrease	
	Permanent Positions	Amount	Permanent Positions	Amount
<u>Spectrum Management</u>	24	\$3,466	+16	+\$3,700

A program increase (+0 pos; +\$200) is proposed to improve the use of spectrum through increased sharing and spectrum efficiency. This is the second phase of a four-year spectrum modernization effort. This phase will develop specifications for a secure two-way communications network from NTIA to Interdepartment Radio Advisory Committee (IRAC) agencies. Plans will also be developed to build software that will give private sector firms the ability to test their radiocommunications systems for compatibility to agency standards. (Note: NTIA is also requesting \$800,000 in increased spectrum reimbursements to fund this initiative.)

An increase (+13 pos; +\$2,500) is requested to carry out the lead agency responsibilities for the CIP information and communications sector. As lead agency, NTIA will work to ensure that both public and private sector perspectives on infrastructure assurance are reflected in all deliberations; establish and maintain channels of communication with all entities, both public and private, domestic and foreign; develop and implement an awareness and education program for the sector; develop and propose legislation and regulations that will enhance infrastructure assurance programs.

An increase (+3 pos; +\$1,000) is requested to establish the Information Sharing Analysis Center (ISAC) as directed in Presidential Decision Directive-63. Departments with lead agency functions will establish ISACs which will analyze, gather, and distribute information from the private sector to other industry companies as well as those Government entities specific to the information and communications sector.

<u>Domestic and International Policies</u>	37	\$3,852	+3	+\$500
--	----	---------	----	--------

An increase (+3 pos; +\$500) is proposed to allow NTIA to work with developing countries to implement the pro-competitive regulatory principles adopted by the World Trade Organization (WTO) in 1997. NTIA can help maximize the benefits of the agreement for the U.S. industry by assisting developing countries.

Country assistance would consist of a three-step process where the first step would assess a country's current regulatory environment and assist officials with understanding the scope of the changes needed to meet the commitments under the WTO agreement. The second step would be a three to five day workshop on basic telecommunications topics. The third and final step would be to provide ongoing support and assistance to the participating countries.

<u>Telecommunication Sciences Research</u>	37	\$3,691	+25	+\$2,003
--	----	---------	-----	----------

A program increase (+18 pos; +\$1,200) is proposed to provide the capability of measuring new broadband technologies and support the spectrum management needs of U.S. industry, NTIA and the FCC. The first year will be devoted to upgrading; subsequent years will address other broadband R&D facilities.

An increase (+7 pos; +\$803) is proposed to establish the program's structure and staffing and strengthen the Institute for Telecommunication Sciences laboratory existing lab and field test capabilities to enhance and advance the goals of CIP as defined by Presidential Decision Directive-63. NTIA will work with NIST to conduct a coordinated, technical CIP research program. NTIA will address threats to the telecommunications infrastructure and NIST will address metrology issues.

APPROPRIATION: Public Telecommunications Facilities, Planning and Construction

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			13	\$21,000
Adjustments to Base				
<u>Other Changes</u>				
1999 Pay raise		\$9		
2000 Pay raise		38		
Payment to the Working Capital Fund		4		
Within-grade step increases		5		
Civil Service Retirement and Disability Fund		0		
Civil Service Retirement System(CSRS)		7		
Federal Employees' Retirement System(FERS)		(8)		
Thrift Savings Plan		(2)		
Federal Insurance Contributions Act (FICA) -OASDI		(4)		
Health insurance		2		
Employees' Compensation Fund		0		
Travel		3		
Rent payments to GSA		3		
Postage		1		
FTS		1		
Printing and reproduction		1		
Other services:				
Working Capital Fund		78		
NARA Storage and maintenance		3		
General Pricing Level Adjustment		2		
Subtotal, other cost changes			0	143
Less Amount Absorbed			0	(88)
TOTAL, ADJUSTMENTS TO BASE			0	55
2000 Base			13	21,055
Program Changes			11	14,000
2000 APPROPRIATION			24	35,055

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount
DIRECT OBLIGATIONS								
Grants	0	\$21,171	0	\$19,200	0	\$31,555	0	\$12,000
Program Management	13	1,974	13	1,855	24	3,500	11	2,000
TOTAL DIRECT OBLIGATIONS	13	23,145	13	21,055	24	35,055	11	14,000
FINANCING								
Unobligated balance, start of year		(2,145)						
TOTAL BUDGET AUTHORITY	13	21,000			24	35,055		

Highlights of Program Changes

	Base		Increase / Decrease	
	Permanent Positions	Amount	Permanent Positions	Amount
<u>Public Telecommunications Facilities,</u> Planning and Construction	13	\$21,055	+11	+\$14,000

A program increase (+11 pos; +\$14,000) is requested to assist public broadcasting stations with the conversion from analog to digital broadcasting through the awarding of competitive grants. The grants issued will not only allow stations to convert, but also provide incentives for more efficient operations and allow stations to meet the requirements and deadlines for digital conversion as set by the FCC. As necessary, PTFP will continue to fund grants to replace basic equipment and provide assistance to rural and other areas where financial assistance is lacking.

APPROPRIATION: Information Infrastructure Grants

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			34	\$18,000
Adjustments to Base				
<u>Other Changes</u>				
1999 Pay raise		\$16		
2000 Pay raise		53		
Payment to the Working Capital Fund		5		
Within-grade step increases		20		
Civil Service Retirement and Disability Fund		0		
Civil Service Retirement System(CSRS)		(5)		
Federal Employees' Retirement System(FERS)		6		
Thrift Savings Plan		1		
Federal Insurance Contributions Act (FICA) -OASDI		3		
Health insurance		4		
Employees' Compensation Fund		0		
Travel		15		
Rent payments to GSA		5		
FTS		1		
Printing and reproduction		3		
Other services:				
Working Capital Fund		65		
General Pricing Level Adjustment		5		
Subtotal, other cost changes			0	197
Less Amount Absorbed			0	(95)
TOTAL, ADJUSTMENTS TO BASE			0	102
2000 Base			34	18,102
Program Changes			0	2,000
2000 APPROPRIATION			34	20,102

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
Information Infrastructure Grants								
Grants	0	\$15,606	0	\$15,000	0	\$17,000	0	\$2,000
Program Management	34	4,665	34	3,102	34	3,102	0	0
TOTAL DIRECT OBLIGATIONS	34	20,271	34	18,102	34	20,102	0	2,000
FINANCING								
Unobligated balance, start of year		(2,271)						
TOTAL BUDGET AUTHORITY	34	18,000			34	20,102		

Highlights of Program Changes

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>Permanent Positions</u>	<u>Amount</u>	<u>Permanent Positions</u>	<u>Amount</u>
Information Infrastructure Grants	34	\$18,102	0	+\$2,000

An increase (+0 pos; +\$2,000) is proposed to award competitive, merit-based grants that demonstrate Next Generation Internet (NGI) capabilities in the public and non-profit sectors. Next Generation Internet is a component of an administration initiative with academia and industry to develop advanced network technologies and demonstrate the capabilities on testbeds 100 to 1,000 times faster than today's Internet. Grants funded under this initiative will be awarded with a one year maximum for planning and two years for program demonstration. Emphasis will be placed on multi-state and regional projects. Grant competitions will be planned in coordination with other Department of Commerce technology programs and Federal Agencies that participation in the NGI initiative.

APPROPRIATION: Endowment for Children's Educational Television

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			0	\$(1,175)
Adjustments to Base			0	1,175
2000 Base			0	0
Program Changes			0	0
2000 APPROPRIATION			0	0

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
Grants	0	\$18		\$0		\$0	0	\$0
Program Management							0	0
TOTAL DIRECT OBLIGATIONS	0	18	0	0	0	0	0	0
FINANCING								
Unobligated balance, start of year		(1,193)						
TOTAL BUDGET AUTHORITY	0	(1,175)			0	0		

Highlights of Program Changes

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>Permanent Positions</u>	<u>Amount</u>	<u>Permanent Positions</u>	<u>Amount</u>
Endowment for Children's Educational Television	0	\$0	0	\$0

Unobligated funds for this program have been rescinded under P.L. 105-119.